EDITORIAL INDEX

News highlights from 1983

EDP Management

What to know about embedded data processing . Mar. 41
What are the issues in transborder data flow? ... Apr. 71
EDP quality assurance: what are the issues? ..... May 47
Managing EDP: plans and controls for the DP dept. ..... May 82
How effective are computer systems? ..... May 89
Evaluating the cost benefits of databases ..... June 55
System integration: the multi-vendor approach .. June 74
Back to basics: rent or purchase, which is best? .. June 83
How to evaluate DP projects ..... June 93
A new approach to systems development ..... June 61
What are the issues in VDT safety? ..... July 68
System implementation without the 'big if' ..... Aug. 56
How to launch the information centre ..... Sept. 86
A new approach to DP cost justification ..... Oct. 50
User experience: making the first move ..... Oct. 94
A case for prototyping in systems development .. Oct. 100
What to look for when buying computer maintenance ..... Nov. 34
Data resource management ..... Nov. 44
A guide to choosing business micros ..... Nov. 61
Why computer literacy ..... Nov. 79
The question-oriented approach to systems analysis ..... Dec. 40

Computers in Action

B.C. weekly newspaper links micro to typesetter . Feb. 35
Computer network helps catalog museum artifacts ..... Feb. 61
Hotel stays ahead with management system ..... Mar. 74
Cement firm opts for packaged accounting software ..... Mar. 83
City systems simulated on microcomputer ..... Apr. 40
Computers in banking: DP rises to the challenge of electronic banking ..... Apr. 34
System upgrade helps meet growing user demand Apr. 57
How K-Tel made the move to on-line ..... Apr. 65
University uses LAN in teaching ..... May 43
System eases pharmacy's paper flow ..... May 70
Travel and reservation info goes online ..... July 44
Results network track games ..... July 46
Allied Chemical builds data network ..... Aug. 58
Retailers make a comeback with new POS technology ..... Aug. 64
In-House computing power at IBM Canada ..... Sept. 68
Control issues in distributed processing ..... Sept. 74
How networks reach out at Canadian Pacific .... Sept. 79
Car company has electronic mail under the hood Oct. 70
System/1 runs distribution facility ..... Nov. 73
Applying an MIS strategy ..... Nov. 75

Computers in Government

Office network boosts productivity in gov't. caucus ..... Apr. 60
Ontario invests $10 million to develop education micro ..... Apr. 81
DOC develops advanced data terminal ..... Dec. 35

Office Automation

Making the move to office automation ..... June 78
Application software aimed at office automation Aug. 62
Shaping the electronic workplace to the worker .. Aug. 61

Personal Computing

Range of software backs TI's new Professional Computer ..... Feb. 19
Apple's Lisa eyes office environment ..... Feb. 53
The coming shakeout in personal computers ..... Feb. 59
Quest for computer literacy drives home computers ..... Mar. 68
Experiences with a personal computer ..... Mar. 80
Managing the micro tide ..... May 55
How much I wanted to buy my very own micro .. June 66
Getting personal with the micro ..... July 58
DG enters fray with Desktop Generation ..... Aug. 60
Personal computers at home and at work ..... Sept. 43
Local networking links PCs ..... Oct. 81
IBM turns Peanut into PC Junior ..... Nov. 40
More flowers bloom in the PC patch ..... Nov. 66

Computer Graphics

The hard facts of color graphics ..... Mar. 44
Graphics protocol: new standard blazes trail ..... Mar. 52
Picture processing: merging optics and computers ..... Mar. 58
Producing color copy electrostatically ..... Mar. 65
Graphics displays: What they can do ..... Mar. 67
Computer graphics poised for explosive growth .. Mar. 84
Graphics and "iconics" to dominate database software ..... Mar. 85
Graphics gets boost with low-cost display, copier Apr. 23
Graphics technology comes of age ..... Sept. 55
Conography tackles graphics on IBM PC ..... Oct. 98

Storage Technology

Discs pack big capacity into small package ..... Apr. 45
Intelligent controllers create greater design options ..... Apr. 47
Buffered controllers speed up tape processing .... May 61
Back to basics: How to eliminate tape reruns .... June 50
Optical storage gets the green light ..... Oct. 66
Technology trends: Minidisk race enters new phase ..... Dec. 29

Data Communications/LAN

Multiplexing data over microwave net saves line costs ..... Feb. 55
Local Area Networks: unravelling the mystery .. May 43
University uses LAN in teaching ..... May 43
OSI provides frame for network planning ..... June 86
What's next in LANs? ..... July 48
Networks at Canadian Pacific ..... Sept. 79
Local networking links PCs ..... Oct. 81
Taking the satellite route ..... Oct. 86
Is prototype LAN a hint of things to come? ..... Dec. 36

Turn to page 23

EDITORIAL INDEX

News highlights from 1983

EDP Management

What to know about embedded data processing . Mar. 41
What are the issues in transborder data flow? ... Apr. 71
EDP quality assurance: what are the issues? ..... May 47
Managing EDP: plans and controls for the DP dept. ..... May 82
How effective are computer systems? ..... May 89
Evaluating the cost benefits of databases ..... June 55
System integration: the multi-vendor approach .. June 74
Back to basics: rent or purchase, which is best? .. June 83
How to evaluate DP projects ..... June 93
A new approach to systems development ..... June 61
What are the issues in VDT safety? ..... July 68
System implementation without the 'big if' ..... Aug. 56
How to launch the information centre ..... Sept. 86
A new approach to DP cost justification ..... Oct. 50
User experience: making the first move ..... Oct. 94
A case for prototyping in systems development .. Oct. 100
What to look for when buying computer maintenance ..... Nov. 34
Data resource management ..... Nov. 44
A guide to choosing business micros ..... Nov. 61
Why computer literacy ..... Nov. 79
The question-oriented approach to systems analysis ..... Dec. 40

Computers in Action

B.C. weekly newspaper links micro to typesetter . Feb. 35
Computer network helps catalog museum artifacts ..... Feb. 61
Hotel stays ahead with management system ..... Mar. 74
Cement firm opts for packaged accounting software ..... Mar. 83
City systems simulated on microcomputer ..... Apr. 40
Computers in banking: DP rises to the challenge of electronic banking ..... Apr. 34
System upgrade helps meet growing user demand Apr. 57
How K-Tel made the move to on-line ..... Apr. 65
University uses LAN in teaching ..... May 43
System eases pharmacy's paper flow ..... May 70
Travel and reservation info goes online ..... July 44
Results network track games ..... July 46
Allied Chemical builds data network ..... Aug. 58
Retailers make a comeback with new POS technology ..... Aug. 64
In-House computing power at IBM Canada ..... Sept. 68
Control issues in distributed processing ..... Sept. 74
How networks reach out at Canadian Pacific .... Sept. 79
Car company has electronic mail under the hood Oct. 70
System/1 runs distribution facility ..... Nov. 73
Applying an MIS strategy ..... Nov. 75

Computers in Government

Office network boosts productivity in gov't. caucus ..... Apr. 60
Ontario invests $10 million to develop education micro ..... Apr. 81
DOC develops advanced data terminal ..... Dec. 35

Office Automation

Making the move to office automation ..... June 78
Application software aimed at office automation Aug. 62
Shaping the electronic workplace to the worker .. Aug. 61

Personal Computing

Range of software backs TI's new Professional Computer ..... Feb. 19
Apple's Lisa eyes office environment ..... Feb. 53
The coming shakeout in personal computers ..... Feb. 59
Quest for computer literacy drives home computers ..... Mar. 68
Experiences with a personal computer ..... Mar. 80
Managing the micro tide ..... May 55
How much I wanted to buy my very own micro .. June 66
Getting personal with the micro ..... July 58
DG enters fray with Desktop Generation ..... Aug. 60
Personal computers at home and at work ..... Sept. 43
Local networking links PCs ..... Oct. 81
IBM turns Peanut into PC Junior ..... Nov. 40
More flowers bloom in the PC patch ..... Nov. 66

Computer Graphics

The hard facts of color graphics ..... Mar. 44
Graphics protocol: new standard blazes trail ..... Mar. 52
Picture processing: merging optics and computers ..... Mar. 58
Producing color copy electrostatically ..... Mar. 65
Graphics displays: What they can do ..... Mar. 67
Computer graphics poised for explosive growth .. Mar. 84
Graphics and "iconics" to dominate database software ..... Mar. 85
Graphics gets boost with low-cost display, copier Apr. 23
Graphics technology comes of age ..... Sept. 55
Conography tackles graphics on IBM PC ..... Oct. 98

Storage Technology

Discs pack big capacity into small package ..... Apr. 45
Intelligent controllers create greater design options ..... Apr. 47
Buffered controllers speed up tape processing .... May 61
Back to basics: How to eliminate tape reruns .... June 50
Optical storage gets the green light ..... Oct. 66
Technology trends: Minidisk race enters new phase ..... Dec. 29

Data Communications/LAN

Multiplexing data over microwave net saves line costs ..... Feb. 55
Local Area Networks: unravelling the mystery .. May 43
University uses LAN in teaching ..... May 43
OSI provides frame for network planning ..... June 86
What's next in LANs? ..... July 48
Networks at Canadian Pacific ..... Sept. 79
Local networking links PCs ..... Oct. 81
Taking the satellite route ..... Oct. 86
Is prototype LAN a hint of things to come? ..... Dec. 36

Turn to page 23

EDITORIAL INDEX

From page 21

Privacy and Security

Computer security: keeping data assets secure ... Feb. 30
Disaster recovery: What to do before the unimaginable happens ... Feb. 38
Data encryption: unscrambling the mystery ... Feb. 41
Coping with computer fraud ... Feb. 44
IBM complex relies on access control ... Feb. 46'
Multics handles security in multi-user systems .. Feb. 48
Coping with electronic fraud and computer abuse ... Mar. 71
Law amendments to tackle 'computer crime' .... Aug. 64
There's no magic answer about privacy ... Nov. 29

Software

Console helps programmers code software ... Mar. 73
Software system shortens VLSI design process .. Mar. 82
Cement firm opts for packaged accounting software ... Mar. 83
Graphics and "iconics" to dominate database software ... Mar. 85
The PCM scene: The software umbrella ... Mar. 52
Insurer converts diverse businesses into single system ... Mar. 53
Application software: Changing trends offer challenge and opportunity to makers ... May 74
IBM charts new course in software marketing ... May 78
Evaluating the cost benefits of databases ... June 55
Application software aimed at office automation Aug. 62
Study projects software market growth at 28 per cent ... Sept. 51
Technology trends—the megaboom in micro software ... Nov. 38
62 software packages receive Cdn. awards of distinction ... Dec. 71

CAD/CAM & Robotics

Intelligent workstation designed for CAD ... Apr. 77
CAD/CAM: Computer power reshapes manufacturing ... Aug. 38
CAD/CAM: Mainframe systems aim for independence ... Aug. 48
Assessing CAD/CAM performance and productivity ... Aug. 52
Ontario CAD/CAM centres off and running .... Aug. 55

The Computer Industry

DEC ousts IBM in number of units installed .... Apr. 42
Failsafe computing is coming of age ... Apr. 55
IBM launches new displays to augment 3270's .. Apr. 63
The PCM scene: IBM gains market share ... May 31
IBM charts new course in software marketing ... May 78
Insurance agents next major market for computer systems ... June 47
The PCM scene: New CPU in the works at STC June 36
Sperry adds new line to Series 1100 ... July 54
The PCM scene: IBM adds aggressive lease rates ... Aug. 34
DG enters fray with Desktop Generation ... Aug. 60
Support gear to take big slice of spending ... Oct. 58
Are prices of 4361/81 signs of IBM's market strength? ... Nov. 32
IBM turns 'Peanut' into junior PC ... Nov. 40
The PCM scene—roller coaster mainframe ride . Dec. 24
IBM unwraps LAN concept ... Dec. 36
Review/Forecast '84 ... Dec. 43

Computer Technology

EDP technology showcase ... Feb. 70
The PCM scene: Staying the course in choppy waters ... Mar. 38
Plasma technology makes debut on full screen display ... Apr. 68
EDP technology showcase ... Apr. 89
Technology trends: the 'triple A' of automation is headed for big gains ... May 33
Impact printers: an established technology revisited ... May 63
Computers assist in high-speed translating ... May 70
The PCM scene: XA bombshell turns into firecracker ... June 91
EDP technology showcase ... June 108
Data input: coping with the data entry bottleneck ... July 31
Functions combined in new System/36 ... July 42
Retailers make a comeback with new POS technology ... Aug. 64
The PCM scene: Riding the roller-coaster mainframe ride ... Sept. 37
The VLSI chip race shifts gear ... Sept. 39
Automation moves into libraries ... Sept. 70
EDP technology showcase ... Sept. 104
The PCM scene: tape drive users await the coming of 'Del Oro' ... Oct. 36
Plain talk for TI micro ... Oct. 60
Optical storage gets the green light ... Oct. 66
Display processor handles multi tasks without host ... Oct. 82
Taking the satellite route ... Oct. 86
Optical file system links to facsimile ... Oct. 91
Laser printers speed massive output job ... Oct. 96
Technology trends—the megaboom in micro software ... Nov. 38
EDP technology showcase ... Nov. 96
Lighting for display terminals ... Dec. 30

EDP and the Law

Revelations about jobs and computer automation Feb. 51
Why software needs realistic tax treatment ... Mar. 37
The consequences of leaving your wallet ... Apr. 31
Coping with the spectre of 'agency law' ... May 29
EDP and the lawyer ... June 44
The tax man cometh ... July 29
So you've got a new idea, eh? ... Aug. 37
When is information a 'thing'? ... Sept. 35
About trade-marks in a look-alike world ... Oct. 35
There's no magic answer about privacy ... Nov. 29
Pirates better seek a new line of work ... Dec. 21

Viewpoint

Canada's economic future tied to high tech industry ... Feb. 78
Are mainframes going the way of the donosaur? Mar. 98
System documentation: beware of the effects of folklore ... Apr. 94
R & D is vital to Canadian technological growth May 110
Technology leads to productivity ... July 86
The battle is only just beginning ... Aug. 82
Govt's not up to task of setting telecom policy ... Oct. 186
Canada needs a data watchdog ... Nov. 98
The case for a multi-supplier environment ... Dec. 78